

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2313	(pivot\$3 with point with needle)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/26 19:55
L2	37	(pivot\$3 with distal with end with point with needle)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/26 20:25
L3	72	("2697433"   "3941127"   "3964480"   "4230117"   "4350159"   "4386602"   "4463758"   "4571243"   "4638799").PN. OR ("4723544").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/26 20:18
L4	960	(606/130).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/26 20:19
L5	1619	(600/1-8).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/26 20:19
L6	92	(pivot\$3 with end with point with needle).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/26 20:22
L7	197	(pivot\$3 with point with needle).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/26 20:22
L8	105	7 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/26 20:22
L9	28	(rotat\$4 with distal with end with point with needle).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/26 20:26
S1	657	(600/3).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/26 19:54
S2	464	(600/7,8).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/03 15:24
S3	353	S2 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/03 15:24
S4	1012	(600/3,7,8).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/12 20:48
S5	41	(600/6).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/12 20:52

## EAST Search History

S6	99	( "4363955" "4546553" "5243282" "5588830" "20050101823" "4596935" "4602370" "5317311" "5767622" "4179702" "4322699" "4443792" "4584527" "4761894" "4764946" "4894611" "4979523" "5195120" "5271047" "5291098" "5297917" "5300331" "5995529" "6133590" "6153971" "6224240" "6224240" "6245601" "6271878" "20020140379" "20030226961" "20040257302" "20050122064" "20050207461" "20060078029" "20060091827" "20060171440" "4785178" "4448117" "4458491" "4530311" "5597597" "5740221" "5906485" "5977529" "3787038" "4135098" "4118873" "4276479" "4278950" ).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 20:53
S7	49	( "4363955" "4546553" "5243282" "5588830" "20050101823" "4596935" "4602370" "5317311" "5767622" "4179702" "4322699" "4443792" "4584527" "4761894" "4764946" "4894611" "4979523" "5195120" "5271047" "5291098" "5297917" "5300331" "5995529" "6133590" "6153971" "6224240" "6224240" "6245601" "6271878" "20020140379" "20030226961" "20040257302" "20050122064" "20050207461" "20060078029" "20060091827" "20060171440" "4785178" "4448117" "4458491" "4530311" "5597597" "5740221" "5906485" "5977529" "3787038" "4135098" "4118873" "4276479" "4278950" ).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 20:53

## EAST Search History

S8	100	S6 or S7	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 20:53
S9	5	("3872856" "5653683" "5938582" "6413204" "6482142").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 21:13
S10	1	("6482142").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/12 21:13
S11	1	"52" and "58" and "54" and S10	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:02
S12	0	(single adj needle) same reposition same (seed or radiation or radioactive)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:03
S13	26	(needle) same reposition same (seed or radiation or radioactive)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:03
S14	21	(single adj needle) and (seed or radiation or radioactive) and robot	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:06
S15	47	S13 or S14	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:04
S16	1555	(600/1-8).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/12 22:06
S17	12392	(single or one) adj needle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:06
S18	77	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:45
S19	84	(ultrasound and (mri or (magnetic adj resonance adj imaging)) and (ct or (computer adj tomography))) and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:47
S20	49	(ultrasound with (mri or (magnetic adj resonance adj imaging)) with (ct or (computer adj tomography))) and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:54

## EAST Search History

S21	47	(titanium with zirconium) and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:54
S22	11	(titanium near zirconium) and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:55
S23	1	((titanium near zirconium) with needle) and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:55
S24	1	((titanium with zirconium) with needle) and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 22:55
S25	8	((titanium or zirconium) with needle) and S16	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 23:09
S26	5756	(closed near2 needle)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 07:41
S27	1555	(600/1-8).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/13 07:41
S28	20	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 07:41

## EAST Search History

S29	62	(US-20040087827-\$ or US-20060100475-\$ or US-20060020156-\$ or US-20050182286-\$ or US-20050124843-\$ or US-20050101823-\$ or US-20020120175-\$ or US-20040147836-\$ or US-20040220444-\$ or US-20010056218-\$ or US-20020143229-\$ or US-20030139642-\$ or US-20020173689-\$).did. or (US-6251060-\$ or US-6482142-\$ or US-5662580-\$ or US-5653683-\$ or US-6409652-\$ or US-5720717-\$ or US-6554759-\$ or US-4584991-\$ or US-6551275-\$ or US-6589157-\$ or US-6626817-\$ or US-6358195-\$ or US-6398711-\$ or US-6638206-\$ or US-6454696-\$ or US-5851172-\$ or US-6450937-\$ or US-6923754-\$ or US-6309339-\$ or US-5797948-\$ or US-5059166-\$ or US-5863284-\$ or US-6607476-\$ or US-6083148-\$ or US-6074339-\$ or US-6699170-\$).did. or (US-5484384-\$ or US-6605030-\$ or US-6149574-\$ or US-5840009-\$ or US-6183410-\$ or US-5616114-\$ or US-6106454-\$ or US-5782742-\$ or US-6152869-\$ or US-6176821-\$ or US-5913813-\$ or US-5411466-\$ or US-5722984-\$ or US-5840008-\$ or US-6955641-\$ or US-3324847-\$ or US-5879282-\$ or US-5730698-\$ or US-5643171-\$ or US-6013019-\$ or US-5176617-\$ or US-6458069-\$ or US-5863285-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/13 07:47
S30	1	(titanium near2 needle) and S29	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 07:47
S31	1	("20020120175").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 07:55
S32	3	(("20020007103") or ("6241670") or ("6270472")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 10:00
S33	1	("20020007103").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 10:00
S34	0	robot\$2 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 10:01

## EAST Search History

S36	0	motor and S33	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 10:02
S37	0	articulat\$4 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 10:11
S38	145	robot same arm same joint same encoder	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 12:27
S39	1555	(600/1-8).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/13 12:27
S40	23	robot and S39	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 12:28
S41	55	robotic and S39	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 12:28
S42	73	S40 or S41	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 12:28
S43	166	(tubular or tube) with tape with mesh	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 13:28
S44	10	((tubular or tube) with tape with mesh) with (heat melt seal)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 13:31
S45	5	((tubular or tube) with tape with mesh) and incontinence	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 13:41
S46	42	(mesh adj tube) near3 (heat\$3 or seal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 13:48
S47	15	(mesh adj tubular) near3 (heat\$3 or seal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 13:49

## EAST Search History

S48	15	S47 not S46	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 13:50
S49	351	(tubular near web\$4) with (heat\$3 or sealing)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 13:51
S50	1	("20030018233").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 17:28
S51	0	("2003018233").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 17:29
S52	12	hoedeman.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 17:39

## EAST Search History

S53	466	<p>"20040147836" "20050177020"          "20030100814" "20020173689"          "20040186340" "6626817"          "20020120175" "6027446" "6113528"          "6311084" "6500109" "6530875"          "6575890" "6589157" "6599232"          "6629960" "6949064" "20020007104"          "20020007151" "20020026090"          "20020026147" "20020038117"          "20030109769" "20030171639"          "5938583" "5961527" "6010446"          "6248101" "6632176" "6689043"          "6869390" "20020022781"          "20030018232" "20030153804"          "20040097779" "20050166325"          "20050209499" "6438401"          "20030139700" "6203524" "6228049"          "6447477" "6264600" "4865590"          "5494039" "20060079880"          "20060079881" "20060079882"          "20060079883" "20040111004"          "5976092" "6312393" "5626829"          "6540656" "6551275" "20020038071"          "20020103457" "6537248"          "20020049439" "20020183733"          "20060015097" "20060052770"          "5398690" "5458612" "6475753"          "5957935" "6267718" "6454696"          "6569077" "6585633" "6595908"          "6755775" "6969344" "7022062"          "7041048" "20010008950"          "20010053870" "20030013934"          "20030045769" "20040077919"          "20040158117" "20040158118"          "20060063961" "4774948" "5928130"          "6561967" "20020013509" "6036632"          "6200255" "6358195" "6535759"          "6537192" "6599231" "6616593"          "6638206" "6846283" "20020077521"          "20030139641" "20030149328"          "20040087828"</p>	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 17:42
S54	5	<p>(("20030139642") or ("6270472") or ("6241670") or ("20020120175") or ("6398711")).PN.</p>	US-PGPUB; USPAT	OR	OFF	2007/03/13 20:50
S55	1	motor and S54	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 20:52
S56	1	("6666811").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 21:53

## EAST Search History

S57	1	(robot or motor) and S56	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 21:12
S58	1	titanium and S56	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 21:03
S59	2039	good.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 21:12
S60	1555	(600/1-8).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/03/13 21:13
S61	4	S59 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 21:13
S62	4	(robot and motor) and S61	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 21:30
S63	0	(real adj time) and S56	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 21:30
S64	0	("((highwithdose)samecatheter)and3") .PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 21:53
S65	1	((high with dose) same catheter) and S56	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 22:18
S66	1	("6241670").PN.	US-PGPUB; USPAT	OR	OFF	2007/03/13 22:18
S67	0	ultrasound and S66	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 22:34
S68	6	afterloader same needle same flexible	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 22:36

## EAST Search History

S69	68	(US-20060100475-\$ or US-20060020156-\$ or US-20050124843-\$ or US-20050182286-\$ or US-20050101823-\$ or US-20040087827-\$ or US-20010056218-\$ or US-20040220444-\$ or US-20040147836-\$ or US-20030139642-\$ or US-20020173689-\$ or US-20020120175-\$ or US-20020143229-\$ or US-20030018232-\$).did. or (US-6589157-\$ or US-6482142-\$ or US-6409652-\$ or US-6251060-\$ or US-5851172-\$ or US-5720717-\$ or US-5662580-\$ or US-5653683-\$ or US-6808486-\$ or US-4584991-\$ or US-6626817-\$ or US-6666811-\$ or US-6638206-\$ or US-6554759-\$ or US-6454696-\$ or US-6450937-\$ or US-6551275-\$ or US-6398711-\$ or US-6358195-\$ or US-5342283-\$ or US-6185908-\$ or US-5912197-\$ or US-6955641-\$ or US-6923754-\$ or US-6699170-\$ or US-6607476-\$).did. or (US-6605030-\$ or US-6458069-\$ or US-6309339-\$ or US-6176821-\$ or US-6149574-\$ or US-6183410-\$ or US-6106454-\$ or US-6152869-\$ or US-6083148-\$ or US-6074339-\$ or US-5840009-\$ or US-5879282-\$ or US-5863285-\$ or US-6013019-\$ or US-5176617-\$ or US-5840008-\$ or US-5782742-\$ or US-5913813-\$ or US-5730698-\$ or US-5863284-\$ or US-5411466-\$ or US-5797948-\$ or US-5722984-\$ or US-5643171-\$ or US-5616114-\$ or US-5484384-\$ or US-5059166-\$).did. or (US-3324847-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/13 22:40
S70	2	(afterloader with needle) and S69	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 22:36
S71	0	(afterloader with cannula) and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 22:41

## EAST Search History

S72	97	(afterloader with catheter) and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 22:49
S73	1	(afterloader with catheter with needle) and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 22:49
S74	9	(afterloader with catheter same needle) and S60	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/13 22:49